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der the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete If Known INFORMATION DISCLOSURE **Application Number** 09/540,611 STATEMENT BY APPLICANT March 31, 2000 Filing Date (Use as many sheets as necessary) **First Named Inventor** Ellison, Carl **Group Art Unit** 2134 JUL 0 2 2004 & **Examiner Name** Tran, Ellen RADEMA Attorney Docket No: 42P08112 Sheet 1 of 2

F	Carrier Barrer ANA		Name of Detector or Applicant of			
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²
	EP-EP0892521	01/20/1999	Zamek, Steven			
	EP-EP1055989	11/29/2000	Proudler, Graeme J., et			
	LF-LF 1000909	11/23/2000	al.			
	EP-EP1056014	11/29/2000	Proudler, Graeme J., et			
	LF-LF 1030014	11/23/2000	al.			
	WO-WO0201794	01/03/2002	Ellison, Carl			L
	WO-WO02060121	08/01/2002	Grawrock, David W.			
	WO-WO03058412	07/17/2003	Glew, Andrew, et al.			
	WO-WO9812620	03/26/1998	Nishiuchi, Taiki, et al.			
	WO-WO9918511	04/15/1999	Edrich, David R.			

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		COULOURIS, GEORGE, et al., "Distributed Systems, Concepts and Designs",	
ECT		2nd Edition, (1994),422-424	
		CRAWFORD, JOHN, "Architecture of the Intel 80386", Proceedings of the IEEE	
		International Conference on Computer Design: VLSI in Computers and	
1		Processors (ICCD '86), (October 6, 1986),155-160	
		FABRY, R.S., "Capability-Based Addressing", Fabry, R.S., "Capability-Based	
1		Addressing," Communications of the ACM, Vol. 17, No. 7, (July 1974),403-412	
		FRIEDER, GIDEON, "The Architecture And Operational Characteristics of the	
ļ		VMX Host Machine", The Architecture And Operational Characteristics of the	1
ŀ		VMX Host Machine, IEEE, (1982),9-16	
		INTEL CORPORATION, "IA-64 System Abstraction Layer Specification", Intel	
		Product Specification, Order Number 245359-001, (01/2000),1-112	
		INTEL CORPORATION, "Intel IA-64 Architecture Software Developer's	
1		Manual", Volume 2: IA-64 System Architecture, Order Number 245318-001,	
		(01/2000),i, ii, 5.1-5.3, 11.1-11.8, 11.23-11.26	
		MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", CRC Press	
		Series on Discrete Mathematics and its Applications, Boca Raton, FL,	
1		XP002165287, ISBN 0849385237,(Oct. 1996),403-405, 506-515, 570	
		NANBA, S., et al., "VM/4: ACOS-4 Virtual Machine Architecture", VM/4: ACOS-	
l		4 Virtual Machine Architecture, IEEE, (1985),171-178	
		RSA SECURITY, "Hardware Authenticators",	
		www.rsasecurity.com/node.asp?id=1158, 1-2	
		RSA SECURITY, "RSA SecurID Authenticators",	
		www.rsasecurity.com/products/securid/datasheets/SID_DS_0103.pdf, 1-2	
1/		RSA SECURITY, "Software Authenticators",	
V		www.srasecurity.com/node.asp?id=1313, 1-2	

EXAMINER	P	P	DATE CONSIDERED	ç	AUG"	200	4

PTC/SB/08A(10-01)
Approved for use through 10/31/2002, OMB 651-0031
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INFORMATION DISCLOSURE	Application Number	09/540,611
STATEMENT BY APPLICANT (Use as many sheets as many	Filing Date	March 31, 2000
	First Named Inventor	Ellison, Carl
JUL 0 2 2004 &	Group Art Unit	2134
	Examiner Name	Tran, Ellen
Sheet 2 of 2	Attorney Docket No: 4	2P08112

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	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
ECT		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002939871; ISBN 0471117099,(Oct. 1995),47-52	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002138607; ISBN 0471117099,(Oct. 1995),56-65	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code C", Wiley, John & Sons, Inc., XP0021111449; ISBN 0471117099,(Oct. 1995),169-187	
		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code in C", 2nd Edition; Wiley, John & Sons, Inc., XP002251738; ISBN 0471128457, (Nov. 1995), 28-33; 176-177; 216-217; 461-473; 518-522	

EXAMINER P DATE CONSIDERED [DIF OY



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

Managing Accesses in a Processor for Isolated Execution

Application Number:

09/540611

2172

Confirmation Number:

Carl Ellison

First Named Applicant:

Attorney Docket Number: 42P08112

Art Unit:

2134

Examiner:

Ellen Tran

Search string:

(3699532 or 4207609 or 4319233 or 4403283 or 4419724 or 5237616 or 5287363 or 5560013 or 5604805 or 5633929 or 5668971 or 5684948 or 5706469 or 5740178 or 5752046 or 5809546 or 5825880 or 5919257 or 5935242 or 5935247 or 6035374 or 6093213 or 6108644 or 6131166 or 6199152 or 6327652 or 6397379 or 6529909 or 6560627 or 6609199 or 6615278 or 6651171

or 6684326).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
ورا	1	3699532	1972-10-17	Schaffer, Harry G., et al.			
	2	4207609	1980-06-10	Luiz, Fernando A., et al.			
	3	4319233	1982-03-09	Matsuoka, Michihiro , et al.			
	4	4403283	1983-09-06	Myntti, Jon N., et al.			
	5	4419724	1983-12-06	Branigin, Michael H., et al.			
	6	5237616	1993-08-17	Abraham, Dennis G., et al.			
	7	5287363	1994-02-15	Wolf, Paul I., et al.			
	8	5560013	1996-09-24	Scalzi, Casper A., et al.			
	9	5604805	1997-02-18	Brands, Stefanus A.			
	10	5633929	1997-05-27	Kaliski, Jr., Burton S.			
	11	5668971	1997-11 - 16	Neufeld, E. D.			÷
V	12	5684948	1997-11-04	Johnson, James S., et al.			

				Language 1 and 1 a
511	13	5706469	1998-01-06	Kobayashi, Souichi
	14	5740178	1998-04-14	Jacks, Steven A., et al.
	15	5752046	1998-05-12	Oprescu, Florin, et al.
	16	5809546	1998-09-15	Greenstein, Paul G., et al.
	17	5825880	1998-10-20	Sudia, Frank W., et al.
	18	5919257	1999-07-06	Trostle, Jonathan
	19	5935242	1999-08-10	Madany, Peter W., et al.
	20	5935247	1999-08-10	Pai, Hsin-Ying, et al.
	21	6035374	2000-03-07	Panwar, Ramesh, et al.
	22	6093213	2000-07-25	Favor, John G., et al.
	23	6108644	2000-08-22	Goldschlag, David M., et al.
	24	6131166	2000-10-10	Wong-Isley, Becky
	25	6199152	2001-03-06	Kelly, Edmund J., et al.
	26	6327652	2001-12-04	England, Paul, et al.
	27	6397379	2002-05-28	Yates, Jr., John S., et al.
	28	6529909	2003-03-04	Bowman-Amuah, Michel K.
	29	6560627	2003-05-06	McDonald, Michael F., et al.
	30	6609199	2003-08-19	DeTreville, John
	31	6615278	2003-09-02	Curtis, Bryce A.
1	32	6651171	2003-11-18	England, Paul , et al.
V	33	6684326	2004-01-27	Cromer, Daryl C., et al.

Signature

Examiner Name	Date
	1 Aur by

PTO/SB/084(10-0: Approved for use through 10/31/2002, OMB 651-000

Substitute for form 1449A/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Filing Date

First Named Inventor

Group Art Unit

Examiner Name

Unknown

Attorney Docket No: 42P08628

		FOREIGN PATEN	IT DOCUMENTS			
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²
	DE-DE4217444	12/03/1992	Toyohisa, Imada, et al.		-051	,
	EP-EP0473913	03/11/1992	Farrell, Joel A.	R	ECEI	VE
	JP-JP2000076139	03/14/2000	Tanno, Masaaki , et al.			
	WO-WO0175564	10/11/2002	Herbert, Howard C., et al.	1	MAY 1 3	2004
	WO-WO02086684	10/31/2002	Proudler, Graeme J.			
	WO-WO0217555	02/28/2002	Ford, Warwick	Techr	ology Ce	nter 2

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
ور		BRANDS, STEFAN, "Restrictive Blinding of Secret-Key Certificates", SPRINGER-VERLAG XP002201306, (1995), Chapter 3	
		CHIEN, ANDREW A., et al., "Safe and Protected Execution for the Morph/AMRM	
		Reconfigurable Processor", 7th Annual IEEE Symposium, FCCM '99]
		Proceedings, XP010359180, ISBN 0-7695-0375-6, Los Alamitos, CA,	
		(4/21/1999),209-221	
		COMPAQ COMPUTER CORPORATION, et al., "Trusted Computing Platform	
		Alliance (TCPA) Main Specification Version 1.1a", (12/2001),1-321	
		DAVIDA, GEORGE I., et al., "Defending Systems Against Viruses through	
]		Cryptographic Authentication", Proceedings of the Symposium on Security and	
1		Privacy, IEEE Comp. Soc. Press, ISBN 0-8186-1939-2,(May 1989),	
		IBM, "Information Display Technique for a Terminate Stay Resident Program	
		IBM Technical Disclosure Bulletin", TDB-ACC-No. NA9112156, Vol. 34, Issue	
		7A, (12/1/1991),156-158	
		KARGER, PAUL A., et al., "A VMM Security Kernal for the VAX Architecture",	
	}	Proceedings of the Symposium on Research in Security and Privacy,	
		XP010020182, ISBN 0-8186-2060-9, Boxborough, MA, (5/7/1990),2-19	}
		KASHIWAGI, KAZUHIKO, et al., "Design and Implementation of Dynamically	
		Reconstructing System Software", Software Engineering Conference,	
1		Proceedings 1996 Asia-Pacific Seoul, South Korea 4-7 Dec. 1996, Los Alamitos,	
		CA USA, IEEE Comput. Soc, US, ISBN 0-8186-7638-8,(1996),	,
		LUKE, JAHN, et al., "Replacement Strategy for Aging Avionics Computers",	
		IEEE AES Systems Magazine, XP002190614,(March 1999),	
		MENEZES, OORSCHOT, "Handbook of Applied Cryptography", CRC Press	
		LLC, USA XP002201307, (1997),475	<u></u>
		RICHT, STEFAN, et al., "In-Circuit-Emulator Wird Echtzeittauglich", Elektronic,	
		Franzis Verlag GMBH, Munchen, DE, Vol. 40, No. 16, XP000259620,(100-	
		103),8-6-1991	<u> </u>
		ROBIN, JOHN S., et al., "Analysis of the Pentium's Ability to Support a Secure	
1/		Virtual Machine Monitor", Proceedings of the 9th USENIX Security Symposium,	
•		XP002247347, Denver, Colorado, (8/14/00),1-17	<u> </u>

EXAMINER C C DATE CONSIDERED (O PUL O

PTO/SB/084(10-01
Approved for use through 10/31/2002, OMB 651-003
US Perent & Tradement Officer US, GEPARTMENT OF COMPAGED

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	09/540613
(Use as many shoots as Picessory)	Filing Date	March 31, 2000
	First Named Inv ntor	Ellison, Carl
MAY 1 0 2004 8	Group Art Unit	Unknown
MAI 5	Examiner Name	Unknown
Sheet 2 of 2 TRADE MARK	Attorney Docket No: 4	2P08628

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
ect		SAEZ, SERGIO, et al., "A Hardware Scheduler for Complex Real-Time Systems", Proceedings of the IEEE International Symposium on Industrial Electronics, XP002190615, (July 1999), 43-48	
		SHERWOOD, TIMOTHY, et al., "Patchable Instruction ROM Architecture", Department of Computer Science and Engineering, University of California, San Diego, La Jolla, CA, (Nov. 2001),	

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EXAMINER & C DATE CONSIDERED LO BOL 09

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

ectronic Version v18
Styleshow Version v18.0

Title of Invention

Managing a Secure Environment Using a Chipset in Isolated Execution Mode

Application Number:

09/540613

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09/540613

Confirmation Number:

2175

MAY 1 3 2004

First Named Applicant:

Attorney Docket Number: 42P08628

Carl Ellison

Technology Center 2100

Art Unit:

Unknown

Examiner:

Unknown Unknown

Search string:

(20030018892 or 4162536 or 4247905 or 4276594 or 4307447 or 4319323 or 4347565 or 4759064 or 4795893 or 4825052 or 4907270 or 4907272 or 4910774 or 5007082 or 5139760 or 5317705 or 5319760 or 5434999 or 5437033 or 5442645 or 5459867 or 5504922 or 5511217 or 5522075 or 5528231 or 5533126 or 5566323 or 5606617 or 5720609 or 5721222 or 5737604 or 5796835 or 5825875 or 5854913 or 5867577 or 5900606 or 5901225 or 5903752 or 5970147 or 6061794 or 6075938 or 6092095 or 6115816 or 6182089 or 6212635 or 6222923 or 6252650 or 6269392 or 6272637 or 6308270 or 6314409 or 6330670 or 6357004 or 6363485 or 6374286 or 6374317 or 6378072 or 6389537 or 6397242 or 6412035 or 6421702 or 6435416 or 6445797 or 6463535 or 6463537 or

6507904 or 6535988 or 6557104 or 6633963 or 6633981).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
ध्य	1	20030018892	2003-01-23	Tello, Jose			
	2	4162536	1979-07-24	Morley, Richard E.			
	3	4247905	1981-01-27	Yoshida, Yukihiro , et al.		711	166
	4	4276594	1981-06-30	Morley, Richard E.			
	5	4307447	1981-12-22	Provanzano, Salvatore R., et al.			
	6	4319323	1982-03-09	Ermolovich, Thomas R., et al.			
	7	4347565	1982-08-31	Kaneda, Saburo , et al.			
	8	4759064	1988-07-19	Chaum,		4	
	9	4795893	1989-01-03	Ugon, Michael			
	10	4825052	1989-04-25	Chemin, Francois , et al.]		
	11	4907270	1990-03-06	Hazard, Michel			
					1		

व्य	12	4907272	1990-03-06	Hazard, Michel	
	13	4910774	1990-03-20	Barakat, Simon	
	14	5007082	1991-04-09	Cummins, Mary T.	
\prod	15	5139760	1994-06-07	Mason, Andrew H., et al.	
	16	5317705	1994-05-31	Gannon, Patrick M., et al.	
	17	5319760	1994-06-07	Mason, Andrew H., et al.	
	18	5434999	1995-07-18	Goire, Christian , et al.	
	19	5437033	1995-07-25	Inoue, Taro , et al.	
\prod	20	5442645	1995-08-15	Ugon, Michel , et al.	
	21	5459867	1995-10-17	Adams, Phillip M., et al.	
	22	5504922	1996-04-02	Seki, Yukihiro , et al.	
	23	5511217	1996-04-23	Nakajima, Atsushi , et al.	
	24	5522075	1996-05-28	Robinson, Paul T., et al.	
	25	5528231	1996-06-18	Patarin, Jacques	
	26	5533126	1996-07-02	Hazard, Michel , et al.	
	27	5566323	1996-10-15	Ugon, Michel	
	28	5606617	1997-02-25	Brands, Stefanus A.	
	29	5720609	1998-02-24	Pfefferle, William C.	
	30	5721222	1998-02-24	Bernstein, Peter R., et al.	
	31	5737604	1998-04-07	Miller, David A., et al.	
	32	5796835	1998-08-18	Saada, Charles	
	33	5825875	1998-10-20	Ugon, Michel	
	34	5854913	1998-12-29	Goetz, John W., et al.	
	35	5867577	1999-02-02	Patarin, Jacques	
	36	5900606	1999-05-04	Rigal, Vincent	
	37	5901225	1999-05-04	Ireton, Mark A., et al.	
	38	5903752	1999-05-11	Dingwall, Thomas J., et al.	
	39	5970147	1999-10-19	Davis, Derek L., et al.	
	40	6061794	2000-05-09	Angelo, Michael E.	
	41	6075938	2000-06-13	Bugnion, Edouard , et al.	
	42	6092095	2000-07-18	Maytal, Benjamin	
	43	6115816	2000-09-05	Davis, Derek L.	
	44	6182089	2001-01-30	Ganapathy, Narayanan , et al.	
	45	6212635	2001-04-03	Reardon, David C.	
	46	6222923	2001-04-24	Schwenk, Joerg	
	47	6252650	2001-06-26	Nakaumra, Kouji	
	_/ 48	6269392	2001-07-31	Cotichini, Christian, et al.	
	49	6272637	2001-08-07	Little, Wendell L., et al.	

713 194

ELI	50	6308270	2001-10-23	Guthery, Scott B., et al.	
	51	6314409	2001-11-06	Schneck, Paul B., et al.	
	52	6330670	2001-12-11	England, Paul , et al.	
	53	6357004	2002-03-12	Davis, Derek L.	
	54	6363485	2002-03-26	Adams, Carlisle	
	55	6374286	2002-04-16	Gee, John K., et al.	
	56	6374317	2002-04-16	Ajanovic, Jasmin , et al.	710 105
	57	6378072	2002-04-23	Collins, Thomas , et al.	
	58	6389537	2002-05-14	Davis, Derek L., et al.	,
	59	6397242	2002-05-28	Devine, Scott W., et al.	
	60	6412035	2002-06-25	Webber, Victor	
	61	6421702	2002-07-16	Gulick, Dale E.	
	62	6435416	2002-08-20	Slassi, Tarik	
	63	6445797	2002-09-03	McGough, Paul , et al.	
	64	6463535	2002-10-08	Drews, Paul C., et al.	
	65	6463537	2002-10-08	Tello, Jose A.	
	66	6507904	2003-01-14	Ellison, Carl M., et al.	
	67	6535988	2003-03-18	Poisner, David L.	
	68	6557104	2003-04-29	Vu, Son T., et al.	
	69	6633963	2003-10-14	Ellison, Carl M., et al.	
V	70	6633981	2003-10-14	Davis, Derek L.	

Remarks

Note: Remarks are not for responding to an office action.

Applicants, in accordance with their duty of disclosure under 37 CFR 1.56 and in accordance with 37 CFR 1.97(b)(3), hereby submit this Electronic Information Disclosure Statement citing U.S. Patent Documents for consideration by the Examiner. Pursuant to 37 CFR 1.97, the submission of this Electronic Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability. This Electronic Information Disclosure Statement is being filed prior to a substantive examination of the claims. Pursuant to 37 CFR 1.97(b), no fee should be required for the filing of this Electronic Information Disclosure Statement. In the event it is determined that a fee is due, please charge the fee to Deposit Account 02-2666. Applicants respectfully request that the cited documents be considered and that the form be initialed by the Examiner to indicate such consideration and a copy thereof be returned to Applicants' attorney of record.

Signature

Examiner Name	Date
Ech	10 AUG '04